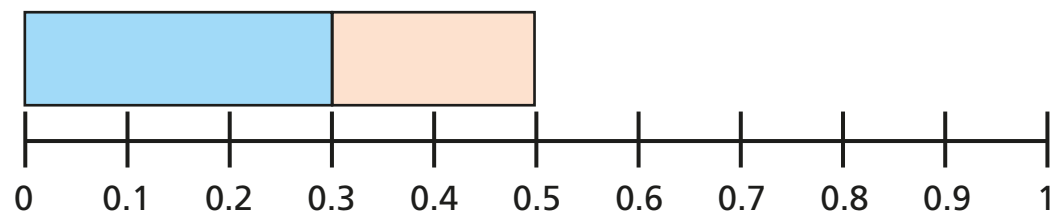


Adding decimals within 1

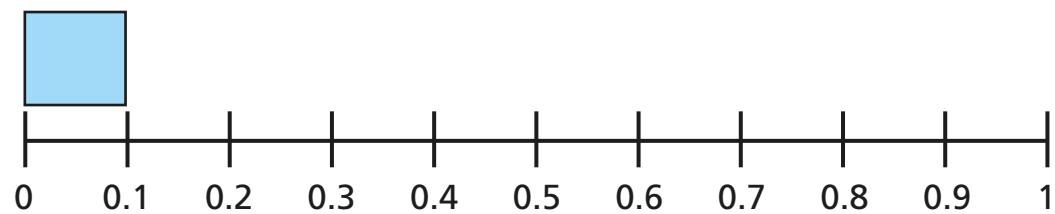


- 1 Work out the additions.
Use the number lines to help you.

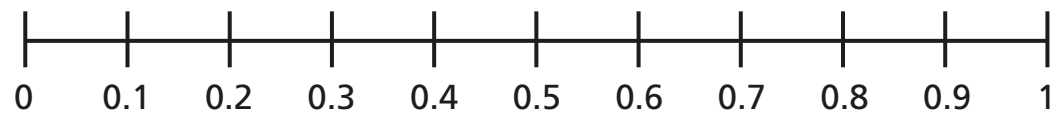
a) $0.3 + 0.2 =$



b) $0.1 + 0.4 =$

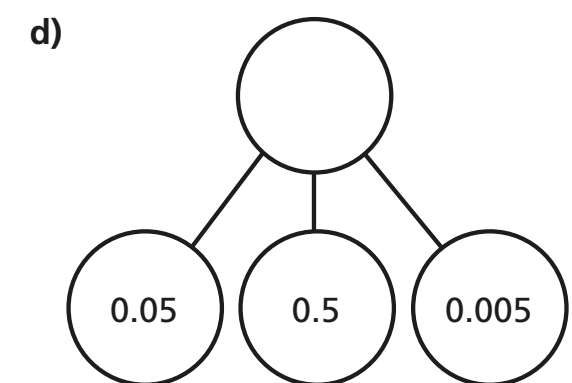
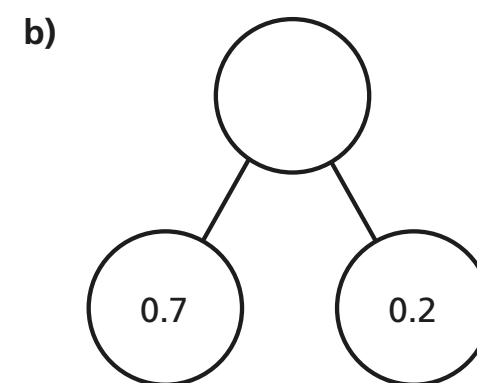
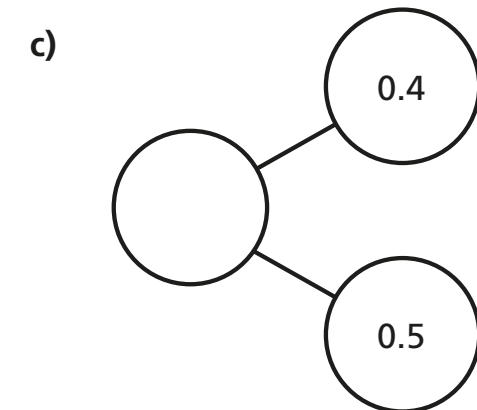
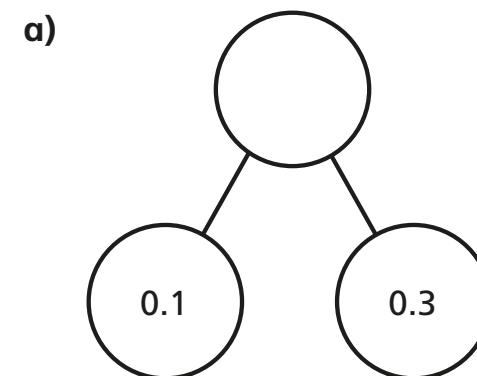


c) $0.2 + 0.1 + 0.2 =$



What do you notice about your answers?

- 2 Complete the part-whole models.



- 3 Complete the additions.

Use the place value charts to help you.

a) $0.42 + 0.3 =$

Ones	Tenths	Hundredths
	<div>0.1 0.1</div> <div>0.1 0.1</div>	<div>0.01 0.01</div>
	<div>0.1 0.1</div> <div>0.1</div>	

+

b) $0.28 + 0.32 =$

Ones	Tenths	Hundredths

+



c) $0.28 + 0.36 =$

+

Ones	Tenths	Hundredths



4 Use the column method to work out the additions.

a)

		0	•	4	2
	+	0	•	3	
			•		

d)

		0	•	4	2
	+	0	•	0	3 3
			•		

b)

		0	•	0	4
	+	0	•	3	3
			•		

e)

		0	•	4	3 6
	+	0	•	1	7
			•		

c)

		0	•	4	0 2
	+	0	•	0	3
			•		

f)

		0	•	7	5 1
	+	0	•	0	9
			•		

5 Jack has set up a column addition to work out $0.19 + 0.07$

What mistake has Jack made?

		0	•	1	9
	+	0	•	7	
			•		

6 Work out 7 hundredths + 34 hundredths.

Give your answer as a decimal.

7 hundredths + 34 hundredths =

7 Eva drinks a quarter of a litre of water.

Mo drinks 0.3 litres of water.

Whitney drinks a tenth of a litre more water than Mo.

How much water do Eva, Mo and Whitney drink altogether?

